



MASTER PLANT SCHEDULE					MPS
TREES	QTY	ID	SCIENTIFIC NAME	COMMON NAME	NOTES
	12	AR	<i>Acer rubrum</i>	RED MAPLE	1.5" cal. min.size, 40' spacing
	17	BN	<i>Betula nigra</i>	RIVER BIRCH (multiple trunk)	1.5" cal. min.size, 30' spacing
	12	CO	<i>Celtis occidentalis</i>	HACKBERRY	1.5" cal. min.size, 40' spacing
	13	PO	<i>Platanus occidentalis</i>	AMERICAN SYCAMORE	1.5" cal. min.size, 50' spacing
	15	QB	<i>Quercus bicolor</i>	SWAMP WHITE OAK	1.5" cal. min.size, 40'-50' spacing
	11	QR	<i>Quercus rubra</i>	RED OAK	1.5" cal. min.size, 40' spacing
	80		TOTAL		
LANDSCAPE PLAN CONSTRUCTION NOTES: - Minimum size: 1.5-inch caliper, containerized or balled and burlapped trees grown under a root-control process designed to eliminate/discourage circling roots (root bounding) and to promote the development of fibrous roots, such as in RootMaker system or approved equal. - Trees grown in smooth-sided containers will be rejected. - Tree species, quantities, locations and distribution are subject to modification, as directed by the Engineer. - Tree wrapping is NOT required. - Provide a minimum of 3-inch depth with 3-foot diameter of shredded hardwood mulch around all installed trees. - Provide hand spade cut edge for all bed lines, or as approved equal by the Engineer. - Provide a deer protection fence: install a 4-foot tall fence at 3-foot diameter (minimum) around each tree; use a 14-gauge wire fabric fence with maximum opening size of 2 inches by 4 inches, fastened to a minimum of 3 steel posts with a minimum of 2 cable ties per post. - Provide staking per SUDAS Section 9030 and using 3 steel posts (which can be used for deer protection fence).					

TYPE <b>B</b>		<b>WETLAND GRASS SEED MIXTURE SUDAS TABLE 9010.12 MODIFIED</b>	
<b>COMMON NAME</b>	<b>SCIENTIFIC NAME</b>	<b>PLS** (per ac)</b>	
Arrowhead	Sagittaria latifolia	4 oz	
Big bluestem*	Andropogon gerardii	1 lb	
Bluejoint grass	Calamagrostis	1 oz	
Blue vervain	Verbena Hastata	1 oz	
Boneset	Eupatorium perfoliatum	1 oz	
Broom sedge	Carex scoparia	2 oz	
Dark green bulrush*	Scirpus atrovirens	1 oz	
Fox sedge*	Carex vulpinoidea	4 oz	
New England aster*	Symphotrichum novae-angliae	2 oz	
Nodding bur marigold	Bidens cernua	8 oz	
Porcupine sedge	Carex hystericina	8 oz	
Prairie cordgrass	Spartina pectinata	1 lb	
Rice cutgrass	Leersia oryzoides	4 oz	
Sneezeweed	Helenium autumnale	2 oz	
Softstem bulrush	Schoenoplectus tabernaemontani	8 oz	
Spike rush	Eleocharis palustris	4 oz	
Swamp milkweed*	Asclepias incarnata	1 lb	
Switchgrass*	Panicum virgatum	8 oz	
Tussock sedge	Carex stricta	2 oz	
Virginia wild-rye*	Elymus virginicus	5 lbs	
Water plantain	Alisma plantago-aquatica	4 oz	
<b>NURSE CROP</b>		<b>lb/acre</b>	
Oats (spring seeding - April 1 to June 30)		32	
Winter wheat (dormant/frost seeding - November 1 to March 31)		25	

\* Furnish seed certified as Source Identified Class (Yellow Tag) Source G0-Iowa.

\*\* Seeding rates for wetland grasses are given as PLS. Either the germination test or Tetrazolium (TZ) test is acceptable to determine PLS for native species.

TYPE <b>A</b>	<b>NATIVE GRASS AND FORBS SEEDING MIXTURE SUDAS TABLE 9010.13</b>	
<b>COMMON NAME</b>	<b>SCIENTIFIC NAME</b>	<b>App. Rate</b>
<b>GRASSES</b>		<b>lb/acre</b>
Big bluestem*	Andropogon gerardii	1.0
Canada wild rye	Elymus Canadensis	1.5
Indiangrass*	Sorghastrum nutans	1.0
Little bluestem*	Schizachyrium scorparium	2.0
Sideoats grama*	Boutelouea curtipendula	2.5
Switchgrass*	Panicum virgatum	0.5
<b>FORBS (WILDFLOWERS)</b>		<b>oz/acre</b>
Black-eyed Susan	Rudbeckia hirta	3.0
Butterfly milkweed	Asclepias tuberosa	4.0
Canadian anemone	Anemone canadensis	0.5
Common mountainmint	Pycnanthemum virginianum	0.25
Golden Alexanders	Zizia aurea	8.0
Grey-headed coneflower	Ratibida pinnata	2.75
Heath aster	Symphotrichum ericoides	0.25
Ironweed	Veronia fasciculata	3.0
New England aster	Symphotrichum novae-angliae	1.25
Ohio spiderwort	Tradescantia ohiensis	7.0
Oxeye sunflower	Heliopsis helianthoides	12.0
Pale purple coneflower	Echinacea pallida	15.0
Partridge pea	Chamaecrista fasciculata	32.0
Prairie blazing star	Liatris pycnostachya	4.5
Purple prairie clover	Dalea purpurea	2.5
Rattlesnake master	Eryngium yuccifolium	1.75
Showy goldenrod	Solidago speciosa	0.50
Stiff goldenrod	Solidago rigida	1.0
Swamp milkweed	Asclepias incarnata	4.0
White wild indigo	Baptisia alba	2.0
Wild bergamot	Monarda fistulosa	1.25
<b>NURSE CROP</b>		<b>lb/acre</b>
Oats (spring seeding - April 1 to June 30)		32
Winter wheat (dormant/frost seeding - November 1 to March 31)		25

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\*\* Seeding rates for native grass and forb species are given as PLS. Either the germination test or Tetrazolium (TZ) test is acceptable to determine PLS for native species.



